EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	276	703/2.ccls. and @pd>"20071101"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 20:55
L2	205	345/643.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:17
L3	53	345/644.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:31

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	9	(graphic$1 near pipeline) and (partial adj differential)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:44
L6	44	(graphic$1 near processor) and (partial adj differential)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:48

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	38	(partial adj differential) and (sum near error$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:38

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	((graphics adj pipeline) and (partial adj differential)).clm.	US-PGPUB	OR	OFF	2008/06/26 12:11
L4	0	((hardware adj graphics) and (partial adj differential)).clm.	US-PGPUB	OR	OFF	2008/06/26 12:12

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multigrid "sum of the errors"   1990 - 2003   Search

Scholar   Results 1 - 8 of 8 for **multigrid "sum of the errors"**. (0.07 seconds)
Tip: Try removing quotes from your search to get more results.

Introduction to adaptive methods for differential equations - all 7 versions »
K Eriksson, D Estep, P Hansbo, C Johnson - Acta Numerica, 1995 - books.google.com
... using Newton's method or **multigrid** methods, for ... of the Galerkin discretization and
multi- grid methods for ... error is given by the **sum of the errors** from each in ...
Cited by 387 - Related Articles - Web Search

Stability of Disk Galaxies in the Modified Dynamics - all 7 versions »
R Brada, M Milgrom - The Astrophysical Journal, 1999 - UChicago Press
... is to minimize a single functional of f that is the **sum of the errors** in the ... Since
we have written a **multigrid** potential solver, it is a natural choice to use ...
Cited by 14 - Related Articles - Web Search - BL Direct

Genetic algorithm optimization of adaptive multi-scale GLCM features. - all 2 versions »
RP Walker, PT Jackway, D Longstaff - International Journal of Pattern Recognition and Artificial ..., 2003 -
worldscinet.com
Page 1. International Journal of Pattern Recognition and Artificial Intelligence
Vol. 17, No. 1 (2003) 17–39 c World Scientific Publishing Company ...
Cited by 10 - Related Articles - Web Search - BL Direct

Gradient-based optical flow: a critical review
M Mesbah - Signal Processing and Its Applications, 1999. ISSPA'99. ..., 1999 - ieeexplore.ieee.org
... as a minimisation of the **sum of the errors** in the ... is solved using an algebraic multi-
grid algorithm ... Investigations of **Multigrid** Algo- rithms for Estimation of ...
Cited by 3 - Related Articles - Web Search

[PS] Gamze Dilek Tunal
AF IMAGES - 1996 - cs.bilkent.edu.tr
... Key words : facial animation, facial expression, snakes, active contour mod- els,
multigrid relaxation, multilevel B-Spline interpolation. Page 4. OZET ...
Related Articles - View as HTML - Web Search

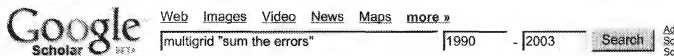On the use of regularisation techniques for finite element model updating
S Ziaei-rad, M Imregun - Inverse Problems in Science and Engineering, 1999 - informaworld.com
... King [40] and Zhou and Rushforth [41] applied multi- grid ideas adopted from the ...
the errors, obtained by eliminating a different observation at a time, can be ...
Cited by 5 - Related Articles - Web Search

Verification and validation in computational fluid dynamics - all 9 versions »
WL Oberkampf, TG Trucano - Progress in Aerospace Sciences, 2002 - Elsevier
User Name: Password: Remember me on this computer, Forgotten password? ...
Cited by 123 - Related Articles - Web Search - BL Direct

[PS] Vector field restoration by the method of convex projections - all 7 versions »
PY Simard, GE Mailloux - Computer Vision, Graphics, and Image Processing, 1990 - research.microsoft.com
... dy (17) The problem is then to minimize the **sum of the errors** in the equation
for the rate of change of image brightness (Eq. 15 ...

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Scholar   Results **1** - **1** of **1** for **multigrid "summing the errors"**. (0.12 seconds)
Tip: Try removing quotes from your search to get more results.

Shape from shading: Level set propagation and viscosity solutions - all 3 versions »
R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer
... Ascher and Carter (1993) used a **multigrid** method to speed up the iterative
reconstruction process. ... **Summing the errors** along the characteristic gives ...
Cited by 52 - Related Articles - Web Search - BL Direct

Key authors: **R Kimmel** - **K Siddiqi** - **B Kimia** - **A Bruckstein**

multigrid "summing the errors"   Search

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"summing the errors" "partial differential equa| 1990   - 2003   Search

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Shape from shading: Level set propagation and viscosity solutions - all 3 versions »

R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer

... is a non-linear equation, to be more specific, it is a first or- der nonlinear **partial differential equation**. ... **Summing the errors** along the characteristic gives ...

Cited by 52 - Related Articles - Web Search - BL Direct

Key authors: **R Kimmel** - **K Siddiqi** - **B Kimia** - **A Bruckstein**

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Shape from shading: Level set propagation and viscosity solutions - all 3 versions »
R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer
... of solving Cauchy type boundary value problems associ- ated to nonlinear **partial
differential equations**. ... **Summing the errors** along the characteristic gives ...
Cited by 52 - Related Articles - Web Search - BL Direct

[BOOK] The Cauchy Problem in Kinetic Theory - all 3 versions »
R Glassey - 1996 - books.google.com
... 212 8.4 The Particle Errors 225 8.5 **Summing the Errors** 229 References ... graduate students,
most of whom were writing theses in **partial differential equations**. ...
Cited by 161 - Related Articles - Web Search

Dynamic Modeling Based on Real-Time Deflection Measurement and Compensation Control
for Flexible ... - all 2 versions »
TW Yang, WL Xu, SK Tso - Dynamics and Control, 2001 - Springer
... translational and rotational errors of the end-effector caused by the de- formations
of all the flexible links can be formed by **summing the errors** caused by ...
Cited by 11 - Related Articles - Web Search - BL Direct

Key authors: **R Kimmel** - **K Siddiqi** - **B Kimia** - **A Bruckstein** - **R Glassey**

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Introduction to adaptive methods for differential equations - all 7 versions »
K Eriksson, D Estep, P Hansbo, C Johnson - Acta Numerica, 1995 - books.google.com
... as well as time-dependent, linear and non-linear, ordinary and **partial differential
equations**. ... that the total error is given by the **sum of the errors** from each ...
Cited by 387 - Related Articles - Web Search

Approximately preserving symmetries in the numerical integration of ordinary differential
equations - all 5 versions »
A ISERLES, R McLACHLAN, A ZANNA - European Journal of Applied Mathematics, 1999 - Cambridge Univ
Press
Page 1. Euro. Jnl of Applied Mathematics (1999), ol. 10, pp. 419–445. Printed
in the United Kingdom # 1999 Cambridge University Press 419 ...
Cited by 14 - Related Articles - Web Search - BL Direct

Brownian fluctuations of the interface in the D= 1 Ginzburg-Landau equation with noise - all 5
versions »
S Brassesco, A De Masi, E Presutti - Annales de l'institut Henri Poincaré (B) Probabilités et ..., 1995 -
numdam.org
... Since the **sum of the errors** is NEETE, the sum is also of the order of ... 19] JB WALSH,
An introduction to stochastic **partial differential equations**, Lecture Notes ...
Cited by 12 - Related Articles - Web Search

On the Periodic Solution of the Burgers Equation: A Unified Approach - all 3 versions »
A Parker - Proceedings: Mathematical and Physical Sciences,, 1992 - JSTOR
... u,(x,t) on [0,] is adjusted by the **sum of the errors** >E, to ... Forsyth, AR 1906 Theory
of differential equations, part IV (**Partial differential equations**), vol. ...
Cited by 10 - Related Articles - Web Search

Point-data processing and error analysis in reverse engineering - all 2 versions »
AC Lin, CF Chen - The International Journal of Advanced Manufacturing ..., 1998 - Springer
... If the **sum of the errors** is more than the preset value for the ... Then solve the six
partial differential equations simul- taneously to obtain values for the six ...
Cited by 8 - Related Articles - Web Search - BL Direct

Application of model predictive control and dynamic analysis to a pilot distillation column and
... - all 4 versions »
M Alpbaz, S Karacan, Y Cabbar, H Hapoğlu - Chemical Engineering Journal, 2002 - Elsevier
... The resulting **partial differential equations** were integrated using orthogonal
collocation in which all ... index J. To minimize J, the **sum of the errors** squared is ...
Cited by 5 - Related Articles - Web Search

Stability of Disk Galaxies in the Modified Dynamics - all 7 versions »
R Brada, M Milgrom - The Astrophysical Journal, 1999 - UChicago Press
... & Brandt 1987), which are extremely efficient in solving elliptic, **partial differential
equations**. ... single functional of f that is the **sum of the errors** in the ...
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"partial differential" "graphics pipeline"   1990 _ 2003   Search

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Physically-based visual simulation on graphics hardware - all 17 versions »
MJ Harris, G Coombe, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2002 - portal.acm.org
... is one of the most useful tools for working with **partial differential** equations. ...
textures must map directly to pixels in the output of the **graphics pipeline**. ...
Cited by 142 - Related Articles - Web Search

[PDF] The graphics card as a stream computer - all 13 versions »
S Venkatasubramanian - SIGMODDIMACS Workshop on Management and Processing of Data ..., 2003 - research.att.com
... computing the median of n numbers takes n passes in the "standard" **graphics pipeline**
model. ... Scientific computing: Solve **partial differential** equation via ...
Cited by 37 - Related Articles - View as HTML - Web Search

[PDF] Using graphics cards for quantized FEM computations - all 9 versions »
M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numerik.math.uni-duisburg.de
... It is hard to exploit these in solvers for **partial differential** equations modeling ...
and precision or some unoptimized parts of the **graphics pipeline**, but the ...
Cited by 28 - Related Articles - View as HTML - Web Search

Simulation of cloud dynamics on graphics hardware - all 2 versions »
MJ Harris, WV Baxter, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2003 - portal.acm.org
... Clouds in our system are modeled using **partial differential** equations describing
fluid motion, thermodynamic processes, buoyant forces, and water phase ...
Cited by 123 - Related Articles - Web Search

Nonlinear Diffusion in Graphics Hardware - all 8 versions »
M Rumpf, R Strzodka - Data Visualization 2001: Proceedings of the Joint ..., 2001 - books.google.com
... 3 OperationsinLinearIterativeSolvers In fact, many discretizations of **partial**
differential equations lead ... are many stages in the **graphics pipeline** where linear ...
Cited by 35 - Related Articles - Web Search

Interactive data exploration with a supercomputer - all 2 versions »
S Smith, G Grinstein, RD Bergeron - Visualization, 1991. Visualization'91, Proceedings., IEEE ..., 1991 - ieeexplore.ieee.org
... 4.3 Figure 6 is an iconographic picture of the solution to a **partial differential**
equation that describes a re- action ... a visualization or **graphics pipeline**. ...
Cited by 31 - Related Articles - Web Search

[BOOK] 3D Game Engine Design: A Practical Approach to Real-Time Computer Graphics - all 6 versions »
DH Eberly - 2001 - books.google.com
... 68 Circle to Circle in 3D 69 Ellipse to Ellipse in 3D 73 v The **GRAPHICS PIPELINE**
79 3.1 MODEL AND WORLD COORDINATES 80 3.2 PERSPECTIVE PROJECTION 80 3.2. ...
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☐   1. **IEEE transactions on magnetics cumulative index 1985-2000 volumes 21**
Magnetics, IEEE Transactions on
Volume 37, Issue 6, Part 2, Nov 2001 Page(s):467 - 1288
Digital Object Identifier 10.1109/TMAG.2001.966142
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Computers, IEEE Transactions on
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Full Text: PDF(3888 KB) IEEE JNL
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☐   4. **Shape recovery algorithms using level sets in 2-D/3-D medical imagery:**
Suri, J.S.; Kecheng Liu; Singh, S.; Laxminarayan, S.N.; Xiaolan Zeng; Reden
Information Technology in Biomedicine, IEEE Transactions on
Volume 6, Issue 1, March 2002 Page(s):8 - 28
Digital Object Identifier 10.1109/4233.992158
AbstractPlus | References | Full Text: PDF(569 KB) IEEE JNL
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☐   5. **Large-scale problems and supercomputing in the Department of Energy**
Decker, J.F.; Nelson, D.B.; Austin, D.M.;
Proceedings of the IEEE
Volume 77, Issue 7, July 1989 Page(s):1020 - 1037
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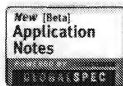**IEEE** *Xplore*·
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  Microwave Theory and Techniques, IEEE Transactions on
  Volume 52, Issue 12, Dec. 2004 Page(s):2747 - 2872
  Digital Object Identifier 10.1109/TMTT.2004.841604
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☐ **2. A processor architecture for 3D graphics**
  Wang, Y.; Mangaser, A.; Srinivasan, P.;
  Computer Graphics and Applications, IEEE
  Volume 12, Issue 5, Sept. 1992 Page(s):96 - 105
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☐ **3. Direct visualization of volume data**
  Yoo, T.S.; Neumann, U.; Fuchs, H.; Pizer, S.M.; Cullip, T.; Rhoades, J.; Whita
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  Johnston, S.C.; Imai, K.;
  Computational Science & Engineering, IEEE
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  Gorla, G.; Interrante, V.; Sapiro, G.;
  Visualization and Computer Graphics, IEEE Transactions on

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"partial differential" "graphics processor" | 1990 | - | 2003 | Search

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MJ Harris, WV Baxter, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS
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... Clouds in our system are modeled using **partial differential** equations describing
fluid motion, thermodynamic processes, buoyant forces, and water phase ...
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[PDF] Using graphics cards for quantized FEM computations - all 9 versions »
M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing …, 2001 - numerik.math.uni-
duisburg.de
... ern graphics cards has reached a state, where the **graphics processor** unit may ... even
typical discrete numeri- cal schemes for **partial differential** equations can ...
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... of modern graphics cards has reached a state, where the **graphics processor** unit
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... How Does It Work? • **Graphics processor** renders colors ... Derivatives (slopes) in **partial**
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... i860 has become a popular candidate as the 3D **graphics processor** for many ... and the
simulta- neous solution of large sets of **partial differential** equations are ...
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A three-dimensional computer model of the human heart for studying cardiac fluid dynamics
DM McQueen, CS Peskin - ACM SIGGRAPH Computer Graphics, 2000 - portal.acm.org
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and numerical solu- tion of a resulting **partial differential** equation. ...
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G Radha, AB Patki, P Santhi, M Surekha, AV Sudha, … - Electromagnetic Compatibility, 1990. Symposium
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... apart from finding an approximate solution to a given **partial differential** equation,
we also ... In addition the **graphics processor** can operate on bytes of data, a ...
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